

ABSTRACT

An attitude detection sensor includes three magnetic sensing parts that detect magnetic field strength in respective directions along three axes perpendicular to each other, and two tilt sensing parts that detect tilt angles around two axes perpendicular to each other. The tilt sensing parts each include a cantilever having a magnet body that moves in accordance with the tilt angle, and a magnetic detection head that detects a displacement of the magnet body. The three magnetic sensing parts and the two magnetic detection heads are each formed using a magnetic detection element of the same type. At least one electronic circuit for controlling the five magnetic detection elements, the three magnetic sensing parts, and the two tilt sensing parts is disposed in a single package in the form of a module.